

FORM PTO-1449  <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 1581.0770001/RWE/BEC	APPLICATION NO. To be assigned
	APPLICANT To be assigned	
	FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CMK	AA1	4,873,346	10/10/1989	Anderson	548	157	09/20/1985
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
CMK	AL1	WO 95/17904	07/06/1995	WIPO			Yes No
	AM1	EP 0 673 938 A2	09/27/1995	Europe			Yes No
	AN1	WO 95/28171	10/26/1995	WIPO			Yes No
	AO1	WO 95/33850	12/14/1995	WIPO			Yes No
CMK	AP1	WO 96/33273	10/24/1996	WIPO			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CMK	AR	1	Fisher, C.E., et al., "Genetic construction and properties of a diphtheria toxin-related substance P fusion protein: In vitro destruction of cells bearing substance P receptors," Proc. Natl. Acad. Sci. USA 93:7341-7345, National Academy of Sciences USA (1996)
	AS	1	Hambleton, P., "Clostridium botulinum toxins: a general review of involvement in disease, structure, mode of action and preparation for clinical use," J. Neurol. 239:16-20, Springer-Verlag (1992)
CMK	AT	1	Kurazono, H., et al., "Minimal Essential Domains Specifying Toxicity of the Light Chains of Tetanus Toxin and Botulinum Neurotoxin Type A," J. Biol. Chem. 267:14721-14729, American Society for Biochemistry and Molecular Biology, Inc. (1992)

EXAMINER	<i>Chen</i>	DATE CONSIDERED	4/27/05
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
CMK	AL2	WO 97/13410	04/17/1997	WIPO	—	—	Yes No
1	AM2	WO 98/07684	02/26/1998	WIPO	—	—	Yes No
CMK	AN2	WO 98/07864	02/26/1998	WIPO	—	—	Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
CMK	AR	2	Nishiki, T., et al., "Identification of Protein Receptor for Clostridium botulinum Type B Neurotoxin in Rat Brain Synaptosomes," J. Biol. Chem. 269:10498-10503, American Society for Biochemistry and Molecular Biology, Inc. (1994)				
1	AS	2	Nishiki, T., et al., "The high-affinity binding of Clostridium botulinum type B neurotoxin to synaptotagmin II associated with gangliosides G <sub>T1b</sub> /G <sub>D1a</sub> ," FEBS Lett. 378:253-257, Federation of European Biochemical Societies (1996)				
CMK	AT	2	Poulain, B., et al., "Inhibition of transmitter release by botulinum neurotoxin A. Contributions of various fragments to the intoxication process," Eur. J. Biochem. 185:197-203, Federation of European Biochemical Societies (1989)				

EXAMINER	<i>CHL/f</i>	DATE CONSIDERED	4/27/05
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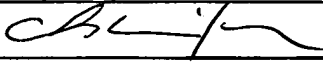
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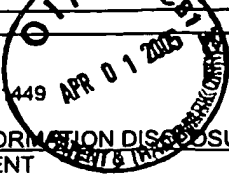
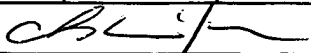
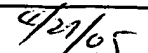
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
CMK	AR	3	Zhou, L., et al., "Expression and purification of the Light Chain of Botulinum Neurotoxin A: A Single Mutation Abolishes Its Cleavage of SNAP-25 and Neurotoxicity after Reconstitution with the Heavy Chain," Biochemistry 34:15175-15181, American Chemical Society (1995)
CMK	AS	3	International Search Report for PCT/GB99/02806, mailed March 16, 2000
	AT		

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				Page 1 of 4			
FORM PTO-449				ATTY. DOCKET NO. 1581.0770001/RWE/ALS			
FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICATION NO. 10/633,698			
STATEMENT				FIRST NAMED INVENTOR Quinn <i>et al.</i>			
STATEMENT				FILING DATE August 5, 2003			
STATEMENT				ART UNIT 1653			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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CMK	AE1	6,395,513 B1	05/28/2002	Foster <i>et al.</i>			
/	AF1	6,461,617 B1	10/08/2002	Shone <i>et al.</i>			
/	AG1	6,632,440 B1	10/14/2003	Quinn <i>et al.</i>			
/	AH1	2003/0049264 A1	03/13/2003	Foster <i>et al.</i>			
/	AI1	2003/0147895 A1	08/07/2003	Shone <i>et al.</i>			
CMK	AJ1	2003/0166238 A1	09/04/2003	Shone <i>et al.</i>			
	AK						
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AR						
CMK	AS	10	Copy of application and Prosecution History for "Recombinant Toxin Fragments," Shone <i>et al.</i> , U.S. Application No. 09/255,829, filed February 23, 1999				
CMK	AT	10	Copy of Application and Prosecution History for "Conjugates of Galatose-Binding Lectins and Clostridial Neurotoxins as Analgesics," Duggan <i>et al.</i> , U.S. Application No. 09/529,130, with a §371 date June 22, 2000				
EXAMINER					DATE CONSIDERED		
							
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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CYK	AR	11	Copy of Application and Prosecution History for "Methods and Compounds for the Treatment of Mucus Hypersecretion," Quinn <i>et al.</i> , U.S. Application No. 09/763,669, with a §371 date May 29, 2001
/	AS	11	Copy of Application and Prosecution History for "Delivery of Superoxide Dismutase to Neuronal Cells," Shone <i>et al.</i> , U.S. Application No. 09/831,050, with a §371 date of August 20, 2001
CYK	AT	11	Copy of Application and Prosecution History for "Constructs for Delivery of Therapeutic Agents to Neuronal Cells," Shone <i>et al.</i> , U.S. Application No. 10/130,973, with a §371 date of June 25, 2002

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CMK	AR	12	Copy of Application and Prosecution History for "Recombinant Toxin Fragments," Shone <i>et al.</i> , U.S. Application No. 10/241,596, filed September 12, 2002
/	AS	12	Shone <i>et al.</i> , "Delivery of Superoxide Dismutase to Neuronal Cells," U.S. Application No. 11/062,471, filed February 22, 2005
CMK	AT	12	Shone <i>et al.</i> , "Recombinant Toxin Fragments," U.S. Patent Application No. 11/077,550, filed March 11, 2005

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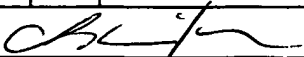
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	AO						Yes No
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CMK	AR	13	Shone <i>et al.</i> , "Recombinant Toxin Fragments," U.S. Patent Application No. 10/527,411, filed March 11, 2005
	AS		
	AT		

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